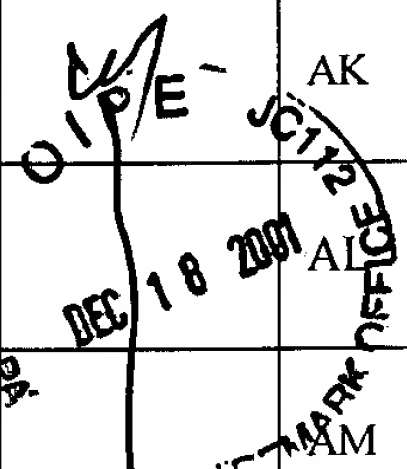


<b>Form PTO-1449</b> <b>INFORMATION DISCLOSURE</b> <b>CITATION</b> <b>IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>			Docket Number (Optional) CIBT-P01-098		Application Number 09/845,025	
			Applicant Jennifer Reilly			
			Filing Date April 17, 2001		Group Art Unit 1646	
<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>ALP</i>	6,214,794	4/10/01	Beachy			10/20/2001
<b>FOREIGN PATENT DOCUMENTS</b>						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO
<i>W</i>	BY WO 95/18856	7/13/95	PCT			
<i>W</i>	BZ WO 96/17924	6/13/96	PCT			
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages Etc.)</i>						
<i>W</i>	AB	Auburger et al., 1987, "Developmental changes of nerve growth factor and its mRNA in the rat hippocampus: comparison with choline acetyltransferase", Dev. Biol. 120:322-328				
	AC	Brady et al., 1989, "Neurogenesis of basal forebrain cholinergic neurons in rat", Dev. Brain Res. 47:81-92				
	AD	Chiang et al., 1996, "Cyclopia and defective patterning in mice lacking sonic hedgehog gene function", Nature 383: 407-413				
	AE	Dale et al., 1997, "Cooperation of BMP7 and SHH in the induction of forebrain ventral midline cells by prechordal mesoderm", Cell 90:257-69				
	AF	Dutton et al., 1999, "Sonic hedgehog promotes neuronal differentiation of murine spinal cord precursors and collaborates with neurotrophin 3 to induce islet-1", J. Neuroscience 19:2601-2608				
	AG	Echelard et al, 1993, "Sonic hedgehog, a member of a family of putative signaling molecules, is implicated in the regulation in regulation of CNS polarity", Cell, 75:1417-1430				
	AH	Ericson et al., 1995, "Sonic hedgehog induces the differentiation of ventral forebrain neurons: a common signal for ventral patterning within the neural tube", Cell 18:747-756				
	AI	Gilmor et al., 1999, "Preservation of nucleus basalis neurons containing choline acetyltransferase and the vesicular acetylcholine transporter in the elderly with mild cognitive impairment and early Alzheimer's disease", J. Comp. Neurol. 411:693-704				
	AJ	Goodrich et al., 1996, "Conservation of the hedgehog/patched signaling pathway from flies to mice: induction of a mouse patched gene by hedgehog", Genes Dev. 10:301-12				

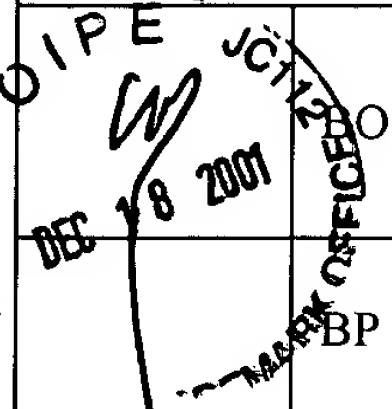
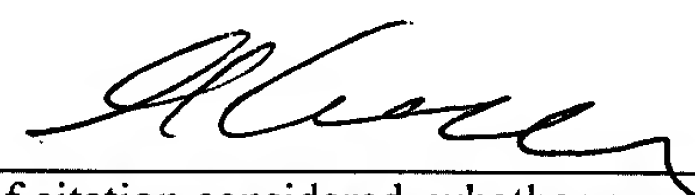
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	AK	Goodrich et al., 1997, "Altered neural cell fates and medulloblastoma in mouse patched mutants", Science 277: 1109-1113	
	AL	Gunhaga et al., 2000, "Sonic hedgehog signaling at gastrula stages specifies ventral telencephalic cells in the chick embryo", Development 127:3283-93	
	AM	Hammerschmidt et al, 1997, "The world according to hedgehog", Trends in Genetics 13:14-21	
	AN	Hartikka and Hefti, 1988, "Development of septal cholinergic neurons in culture: plating density and glial cell modulate effects of NGF on survival, fiber growth, and expression of transmitter-specific enzymes", J. Neuroscience 8: 2967-2985	
	AO	Hashimoto et al., 1999, "Synergistic effects of brain-derived neurotrophic factor and ciliary neurotrophic factor on cultured basal forebrain cholinergic neurons from postnatal 2-week-old rats", Dev. Brain Res. 115:25-32	
	AP	Hefti, 1986, "Nerve growth factor promotes survival of septal cholinergic neurons after fimbrial transections", J. Neuroscience 6:2155-62	
	AQ	Hellweg et al., 1998, "NGF content in the cerebral cortex of non-demented patients with amyloid-plaques and in symptomatic Alzheimer's disease", Int. J. Dev. Neuroscience 16:787-794	
	AR	Hock et al., 2000, "Region-specific neurotrophin imbalances in Alzheimer disease: decreased levels of brain-derived neurotrophic factor and increased levels of nerve growth factor in hippocampus and cortical areas", Arch. Neurol. 57:846-851	
	AS	Hynes et al., 1995, "Control of neuronal diversity by the floor plate: contact-mediated induction of midbrain dopaminergic neurons", Cell. 80:95-101	
	AT	Hynes et al., 1995, "Induction of midbrain dopaminergic neurons by sonic hedgehog", Neuron 15: 35-44	
AU	Jensen and Wallace, 1997, "Expression of Sonic hedgehog and its putative role as a precursor cell mitogen in the developing mouse retina", Development 124:363-371		
AV	Johnson and Tabin, 1995, "The long and short of hedgehog signaling", Cell 81:313-316		
AW	Johnson and Scott, 1998, "New players and puzzles in the hedgehog signaling pathway", Current Opinion in Genetics & Development 8:450-456		
AX	Kalyani et al., 1998, "Spinal cord neuronal precursors generate multiple neuronal phenotypes in culture", J. Neuroscience 18: 7856-7868		
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OIPE DEC 18 2001 W 10/24/03		Lewin and Barde, 1996, "Physiology of the neurotrophins", Ann. Rev. Neuroscience 19:289-317	
		Marti et al., 1995, "Requirement of l9k form of sonic hedgehog for induction of distinct ventral cell type in CNS explants", Nature, 375:322-325	
	BB	McMahon, 2000, "More surprises in the hedgehog signaling pathway", Cell 100:185-188.	
	BC	Miao et al., 1997, "Sonic hedgehog promotes the survival of specific CNS populations and protects these cells from toxic insult in vitro", J. Neuroscience 17:5891-5899	
	BD	Mufson et al., 1998, "Galanin expression within the basal forebrain in Alzheimer's disease. Comments on therapeutic potential", Ann. NY Acad. Science 863:291-304	
	BE	Pepinsky et al., 2000, " Mapping sonic hedgehog-receptor interactions by steric interference", J. Biol. Chem. 275:10995-11001	
	BF	Peterson, 1990, "Fate of septohippocampal. neurons following fimbria-fornix transection: a time course analysis", Brain Res. Bull. 25:128-37	
	BG	Roelink et al, 1994, "Floor plate and motor neuron induction by Vhh-1, a vertebrate homologue of hedgehog expressed by the notochord", Cell 76:761-775	
	BH	Roelink et al., 1995, "Floor plate and motor neuron induction by different concentrations of the amino-terminal cleavage product of sonic hedgehog autoproteolysis", Cell 81:445-455	
	BI	Roessler et al., 1996, "Mutations in the human sonic hedgehog gene cause holoprosencephaly", Nat. Genet. 14:357-360	
	BJ	Rowitch et al., 1999, "Sonic hedgehog regulates proliferation and inhibits differentiation of CNS precursor cells", J. Neuroscience 19:8954-8965	
	BK	Schotzinger and Landis, 1990, "Acquisition of cholinergic and peptidergic properties by sympathetic innervation of rat sweat glands requires interaction with normal target", Neuron 5:91-100	
BL	Sramek and Cutler, 1999, "Recent developments in the drug treatment of Alzheimer's disease", Drugs and Aging 14:359-73		
BM	Svendsen et al., 1994, "Death of developing septal cholinergic neurons following NGF withdrawal in vitro: protection by protein synthesis inhibition", J. Neuroscience 14: 75-87		
BN	Svendsen, 1995, "Septal neurons" <u>Neural Cell Culture: A Practical Approach</u> (Oxford: IRL Press) pp 41-53		

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		Tanabe et al., 1995, "Induction of motor neurons by sonic hedgehog is independent of floor plate differentiation", Curr. Biol. 5:651-658			
		Taylor et al., 2001, "Enhanced potency of human Sonic hedgehog by hydrophobic modification", Biochemistry 40:4359-4371			
	BP				
	BQ	Traiffort et al., 1998, "Regional distribution of sonic hedgehog, patched, and smoothened mRNA in the adult rat brain", J. Neurochemistry 70:13271330			
	BR	Traiffort et al., 1999, "Discrete localizations of hedgehog signalling components in the developing and adult rat nervous system", Eur. J. Neuroscience 11: 3199-3214			
	BS	Wallace and Raff, 1999, "A role for sonic hedgehog in axon-to-astrocyte signaling in the rodent optic nerve", Development 126:2901-2909			
	BT	Wang et al., 1995, "Induction of the dopaminergic neuron phenotype in the midbrain by sonic hedgehog protein", Nature Med. 1: 1184-1188			
	BU	Wechsler-Reya and Scott, 1999, "Control of neuronal precursor proliferation in the cerebellum by sonic hedgehog", Neuron 22: 103-14			
	BV	Wilkinson et al., 1987, "Expression of the proto-oncogene int-1 is restricted to specific neural cells in the developing mouse embryo", Cell 50:79-88			
	BW	Williams et al., 1999, "Functional antagonists of sonic hedgehog reveal the importance of the N terminus for activity", J. Cell. Sci. 112:4405-4414			
	BX	Ye et al., 1998, "FGF and Shh signals control dopaminergic and serotonergic cell fate in the anterior neural plate", Cell 93:755-766			
EXAMINER				DATE CONSIDERED 10/24/03	
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U.S. PATENT & TRADEMARK OFFICE						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES      NO
W	AA	WO 00/27422	PCT			
OTHER DOCUMENTS <span style="float: right;">(Including Author, Title, Date, Pertinent Pages Etc.)</span>						
W	AB	Dutton, R. et al. Regulation of Spinal Motoneuron Differentiation by the Combined Action of Sonic Hedgehog and Neurotrophin 3. <i>Clinical &amp; Exp. Pharm. &amp; Phys.</i> 26, 746-748 (1999).				
W	AC	Reilly, J. O. et al. Cooperative effects of sonic hedgehog and NGF on basal forebrain cholinergic neurons in vitro. <i>BIOSIS Databases</i> PREV200100088175, (2000) – ABSTRACT ONLY.				
EXAMINER				DATE CONSIDERED		
				10/24/03		
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